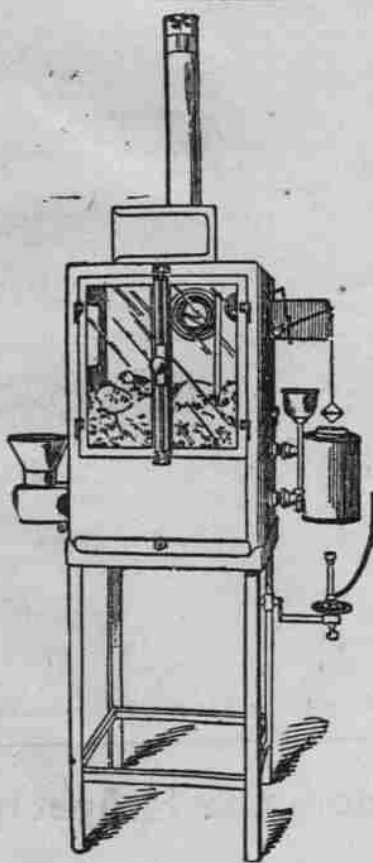


## THE BABY INCUBATOR.

Montreal Maternity Hospital is Now Provided with One.

The Montreal Maternity Hospital is now ready to receive any babies who find themselves thrust upon their own resources without a perfectly fair chance. A really handsome incubator of fine enameled brass and shining glass, now stands in one of the rooms on the second floor, and is a gift to the institution.

The unprepared baby is now a thing hoped for. The incubator offers every encouragement to the occupant to take



THE BABY INCUBATOR.

a long breath and try again. No baby that is possessed of the smallest bump of gratitude can resist its dainty and accurate devices for helping him to catch his breath. The doctors and nurses at the institution are warmly interested, and are looking forward to an opportunity for testing the apparatus.

As is well known, thousands of babies have been saved through the incubator, and it is difficult in looking at what seems a very simple and pretty bit of hospital equipment, to realize how very important is its place in the institution. It stands upon slender legs, as does the common incubator for "hatching" chickens, and its mechanism is almost as simple. It shines with cleanliness, every inch of the surface, both within and without, appearing to have been vigorously polished. In these details lies its main distinction from the other apparatus, and it is only in these that the higher uses—those of preserving human life—are indicated.

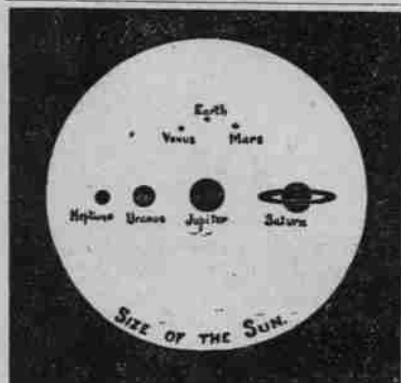
The incubator proper is a cube of about two feet in dimensions. Double doors open to admit the baby, and then shut him in, his food being given to him through the slide. No draughts can blow upon him—there is a mechanism within to regulate "all the winds that blow" to the proper temperature and quality. A tiny white mattress rests upon the floor space, upon a wire support, beneath which, in turn, is located the heating and ventilating mechanism.

Absolute simplicity is the key note in the whole thing, as suits the baby, who hasn't had time to cultivate his tastes, and demand a spring bed and a frescoed ceiling. To the right is the heating apparatus. Within is the hydrometer to indicate the temperature. "Body heat" is the prescribed standard—sometimes a degree above, never one below. To the left is an appliance for ventilation by which the air is filtered and moistened before being admitted to the incubator chamber. And surrounding the whole is a whirling arrangement at the top supplementing the work of ventilation.

## SIZE OF THE SUN.

Diagram Which Shows the Comparative Insignificance of the Earth.

A glance at the accompanying picture will show that the largest of the planets, including the earth, could all be put



SIZE OF THE SUN.

into the sun without making very much impression. Compared with Jupiter, that looks so small in the sky, the earth is a pigmy. It would take 1,330 earths to make one Jupiter. Saturn is not much smaller, and with its rings even larger than Jupiter. Venus is about the size of the earth, but on ac-

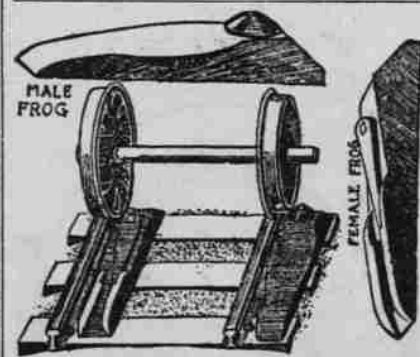
count of its brilliancy seems larger than Jupiter. We see her so seldom because she is so near the sun that the great rays of the sun obscure the shining Venus much of the time. The distance from the sun to Jupiter is 104,000,000 miles, in which are many small stars or asteroids, some of which are not more than 100 miles in diameter. The atmosphere around Jupiter is so thick that we could not breathe it; in fact it is almost water, and this is due to the fact that Jupiter is five times further from the sun than the earth, and gets only one-twenty-fifth as much heat and light from the sun as we do. If a man stood on Jupiter the sun would look no larger than an apple to his eyes. It would take a long time to travel all over Jupiter, for it is 19,000 miles in diameter at its equator, and, being flattened at the poles, just like the earth, 18,400 miles in diameter from north to south. If the sun were in any way to cease to act as the center of the celestial system, Jupiter is heir apparent to the throne and would take his place.

## NEW REPLACING FROG.

One Has Been Contrived and Tested to Satisfaction of Those Interested.

A problem that railroad men have been trying for years to solve has at last succumbed to the American inventive genius. A wonderful new car and locomotive replacing frog has been contrived and tested to the satisfaction of those most interested. One of the most difficult feats and annoying trials of railroading heretofore has been the replacing of cars that have left the rails. With the old one-tongued frog much toil and patience was required to perform this duty. With the new invention the matter is very simple.

Two frogs are used now, the "male" and the "female," each weighing 100 pounds. The maximum height being at the ends of the frogs, making them wedge-shaped, they can be placed under the wheels at the thin end so as to clear brake-hangers, etc. There is no beveled surface and no side pressure to push them out of place or break the flanges of the wheels. The female



HOW NEW FROG IS USED.

frog is placed between the rails and the tongue set to guide the wheels that are off inside. The tread, not the flange of the wheel, rides the male frog, which is cone-shaped, and lo! with a little pressure the car goes home on the track.

## THE DARKY'S DELIGHT.

One Watermelon Rapture Immortalized by Photography.

Talk about your hambone, it am sweet; 'Possum it am very, very fine. But de watermelon am de fruit fer me. The accompanying cut is from a



"WATERMILLION" HEAVEN.

snapshot photograph taken recently by Mr. Horace A. Groff, of Marletta. Mr. Groff came upon the negro sitting near a box car loaded with melons fresh from the South. The boy was too much taken up with his melon to note the fact that he was having his picture taken. In fact, there was nothing of more importance on this earth, at that present moment, than to surround that melon. Its red, juicy interior flamed against the happy ebony features, the white ivory sank deep into the pulpy mass and the youngster's eyes rolled in that ecstasy which is only witnessed when a "cullud pusson" is in "water-million" heaven.

The gourmand may gaze at the goose of truffles, his mouth may water at the capon, but he can never reach that highest top-notch pinnacle which was gained by the obscure little darky, whose features are sent down to posterity through the medium of the snapshot so luckily obtained.—Philadelphia Times.

Hash affords us an example of an end without means.

## THE "JERSEY LILY."

The Famous Stage Beauty Once More a Bride.

Once more Mrs. Langtry, the "Jersey Lily," has come into public notice through matrimony. She is now married to Hugo Gerald de Bathe, son of a rich Englishman. Emeline Charlotte,



MRS. LANGTRY.

known from childhood as Lily Le Breton, was born at St. Helen's, in the island of Jersey, in 1853. She is said to claim that she was not born until 1860, but as she was married in 1874 to Edward Langtry her claim can hardly be accepted. Her father was a dean of the Church of England. He was, however, comparatively poor, and his daughter's marriage to Mr. Langtry, who was well to do, was perfectly satisfactory to him.

It was soon after her marriage that Mrs. Langtry's beauty first attracted comment. The Langtrys moved to town, and Mrs. Langtry became one of the first of the series of professional beauties. The Prince of Wales was introduced to her and became a great admirer. Fashionable life proved too expensive for Mr. Langtry, and he disappeared from London in 1881 after a financial smash. His wife refused to return to Jersey with him and went on the stage.

Since that time Mrs. Langtry has been more or less before the public. Her dramatic debut was made at the Haymarket Theater in 1881, but she did not adopt the stage regularly as a profession till the following year. After many legal delays and various unsuccessful attempts, she obtained a divorce from her husband in May, 1897, from a California court. Edward Langtry is said to have idolized his wife until his death, which occurred in an insane asylum in England on Oct. 15 in the same year as the divorce. Mrs. Langtry has made several dramatic tours in the United States, from which she derived handsome profits.

## CLEVER TRICKS OF RAVENS.

Some Think the Bird Must Possess the Power of Reasoning.

Many stories are told of the cleverness of the raven, a bird that really seems to have reasoning power. One of these stories tells how a raven by a skillful stratagem got a young hare for its dinner. It had pounced upon a little animal, but the mother hare drove it away.

Then the raven slowly retreated, encouraging the mother to follow him, and even pretending that he was afraid of her. In this fashion he led her a considerable distance from the young one and then suddenly, before the hare had time to realize the meaning of the trick, he rose in the air, flew swiftly back, caught the young hare in his beak and bore it away.

A similar plan was adopted by some ravens that wished to steal food from a dog. They teased him till he grew so angry that he chased them from the spot, but the artful birds turned sharply around, easily reached the dish before him and carried off the choicest bits in triumph.

As to the raven's power of speech, the following story, which is given on the authority of Capt. Brown, who vouches for its truth, will show how aptly it can talk:

A gentleman while traveling through a wood in the South of England was startled by hearing a shout of "Fair play, gentlemen; fair play!" uttered in loud tones. The cry being presently repeated, the traveler thought it must proceed from someone in distress and at once began to search for him. He soon discovered two ravens fiercely attacking a third. He was so struck with the appeal of the oppressed bird that he promptly rescued him.

It turned out that the victim was a tame raven, belonging to a house in the neighborhood, and the cry that it had used so opportunely was one of many that it had been taught to utter.

## Hint from an Auctioneer.

At a recent party a young lady began a song: "The autumn days have come, ten thousand leaves are falling." She began too high. "Ten thou—ousand—" she screamed, and then stopped. "Start her at five thousand!" cried an auctioneer who was present.

## Largest Check.

China drew the largest check on the Bank of England of which the bank has any record, in settlement of the Japanese indemnity. It was for 11,008,857 pounds 16 shillings and 9 pence.

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